

Amendments to the Claims

This listing of claims will replace all prior versions and listings of claims.

1-140. (cancelled)

141. (previously presented) An isolated protein comprising an amino acid sequence selected from the group consisting of:

- (a) amino acids 1 to 311 of SEQ ID NO:4; and
- (b) amino acids 2 to 311 of SEQ ID NO:4.

142. (previously presented) The protein of claim 141, wherein said amino acid sequence is (a).

143. (previously presented) The protein of claim 141, wherein said amino acid sequence is (b).

144. (previously presented) The protein of claim 141, which is produced by a host cell.

145. (cancelled)

146. (previously presented) An isolated protein produced by a method comprising:

(a) culturing a host cell under conditions suitable to produce the protein of claim 141; and

(b) recovering the protein from the cell culture.

147. (previously presented) The protein of claim 141, which comprises a heterologous polypeptide.

148. (previously presented) A composition comprising the protein of claim 141 and a pharmaceutically acceptable carrier.

149. (previously presented) An isolated protein comprising an amino acid sequence selected from the group consisting of:

(a) the complete amino acid sequence encoded by the cDNA clone contained in ATCC Deposit No. 97733; and

(b) the mature amino acid sequence encoded by the cDNA clone contained in ATCC Deposit No. 97733.

150. (previously presented) The protein of claim 149, wherein said amino acid sequence is (a).

151. (previously presented) The protein of claim 149, wherein said amino acid sequence is (b).

152. (previously presented) The protein of claim 149, which is produced by a host cell.

153. (previously presented) A method for producing the protein of claim 149, comprising:

(a) culturing a host cell under conditions suitable to produce the protein; and
(b) recovering the protein from the cell culture.

154. (previously presented) An isolated protein produced by a method comprising:

(a) culturing a host cell under conditions suitable to produce the protein of claim 149; and
(b) recovering the protein from the cell culture.

155. (previously presented) The protein of claim 149, which comprises a heterologous polypeptide.

156. (previously presented) A composition comprising the protein of claim 149 and a pharmaceutically acceptable carrier.

157. (previously presented) An isolated protein consisting of a fragment of the polypeptide of SEQ ID NO:4 selected from the group consisting of:

(a) a contiguous amino acid sequence of SEQ ID NO:4 consisting of at least amino acids 62 to 102 of SEQ ID NO:4;

(b) a contiguous amino acid sequence of SEQ ID NO:4 consisting of at least amino acids 226 to 259 of SEQ ID NO:4; and

(c) a contiguous amino acid sequence of SEQ ID NO:4 consisting of at least amino acids 197 to 308 of SEQ ID NO:4.

158. (previously presented) The protein of claim 157, wherein said fragment is (a).

159. (previously presented) The protein of claim 157, wherein said fragment is (b).

160. (previously presented) The protein of claim 157, wherein said fragment is (c).

161. (previously presented) The protein of claim 157, which is produced by a host cell.

162. (previously presented) A method for producing the protein of claim 157, comprising:

(a) culturing a host cell under conditions suitable to produce the protein; and
(b) recovering the protein from the cell culture.

163. (previously presented) An isolated protein produced by a method comprising:

(a) culturing a host cell under conditions suitable to produce the protein of claim 157; and
(b) recovering the protein from the cell culture.

164. (previously presented) The protein of claim 157, which comprises a heterologous polypeptide.

165. (previously presented) A composition comprising the protein of claim 157 and a pharmaceutically acceptable carrier.

166. (previously presented) An isolated protein consisting of a fragment of the polypeptide of SEQ ID NO:4, wherein said fragment consists of at least 30 contiguous amino acids of SEQ ID NO:4 and wherein said fragment binds an antibody which binds to a polypeptide consisting of SEQ ID NO:4.

167. (previously presented) The protein of claim 166, wherein said fragment consists of at least 50 contiguous amino acids of SEQ ID NO:4.

168. (previously presented) The protein of claim 166, which is produced by a host cell.

169. (cancelled)

170. (previously presented) An isolated protein produced by a method comprising:

(a) culturing a host cell under conditions suitable to produce the protein of claim 166; and

(b) recovering the protein from the cell culture.

171. (previously presented) The protein of claim 166, which comprises a heterologous polypeptide.

172. (previously presented) A composition comprising the protein of claim 166 and a pharmaceutically acceptable carrier.